



Space, Structure and Randomness: Contributions in Honor of Georges Matheron in the Fields of Geostatistics, Random Sets and Mathematical Morphology (Paperback)

By -

Springer-Verlag New York Inc., United States, 2007. Paperback. Book Condition: New. 234 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****.Space, structure, and randomness: these are the three key concepts underlying Georges Matheron's scientific work. He first encountered them at the beginning of his career when working as a mining engineer, and then they resurfaced in fields ranging from meteorology to microscopy. What could these radically different types of applications possibly have in common? First, in each one only a single realisation of the phenomenon is available for study, but its features repeat themselves in space; second, the sampling pattern is rarely regular, and finally there are problems of change of scale. This volume is divided in three sections on random sets, geostatistics and mathematical morphology. They reflect his professional interests and his search for underlying unity. Some readers may be surprised to find theoretical chapters mixed with applied ones. We have done this deliberately. GM always considered that the distinction between the theory and practice was purely academic. When GM tackled practical problems, he used his skill as a physicist to extract the salient features and to select variables which could be measured...



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